June 12, 1928. 1,673,740

H. H. EIDE

WAGON

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Fig. 1.

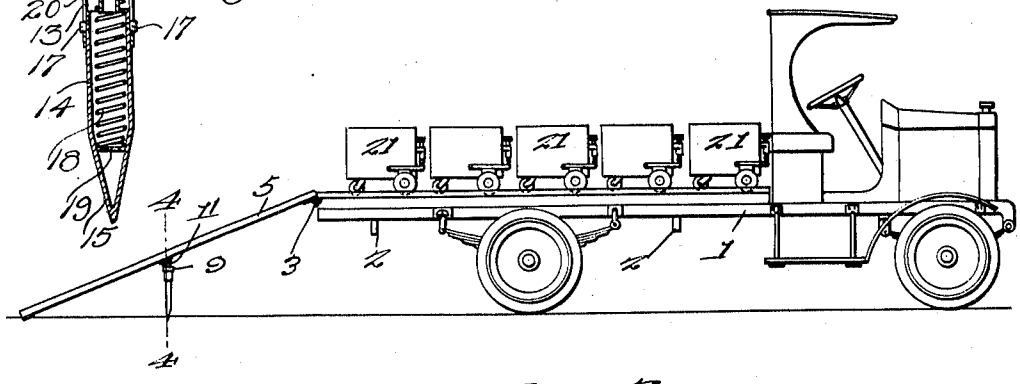


Fig. 5.

Fig. 2.

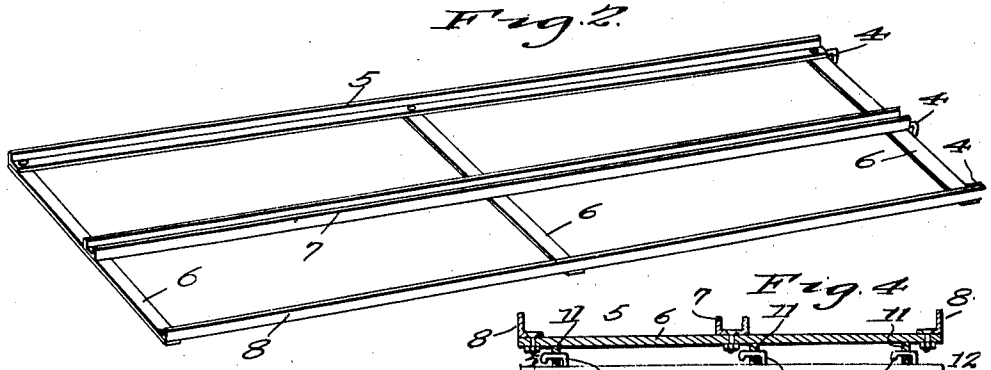


Fig. 4.

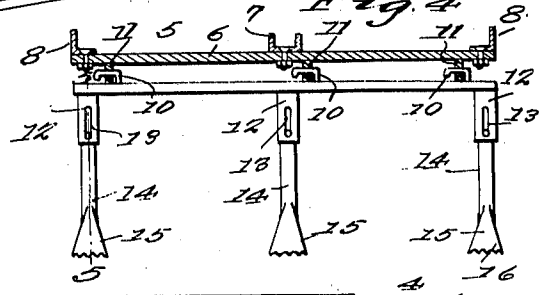
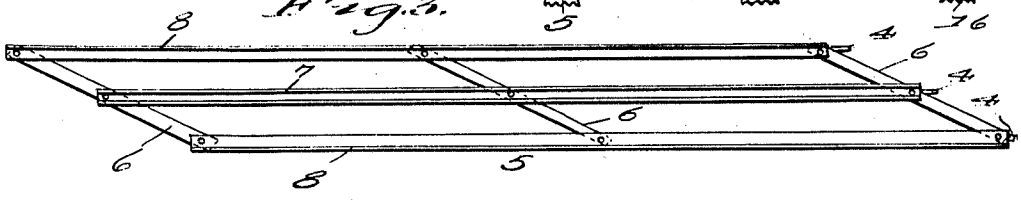


Fig. 3.



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UNITED STATES PATENT OFFICE.

HANS H. EIDE, OF CHICAGO, ILLINOIS.

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Application filed December 11, 1925. Serial No. 74,864.

An object of this invention is the provision of means whereby tile or brick may be packed, conveyed and delivered in an easy manner without liability of breaking or defacing the tile or brick.

A further object is the novel construction of a skid track on which the trucks travel when moved onto or off of a conveyor, which positively holds the wheels of the truck thereon and which is supported in a manner to prevent any tendency of lateral movement, the said supporting means being spring influenced and removable whereby, when the track is not in use the said track and its support may be conveniently supported under the bed of the conveyor.

With the above objects in view, and others which will appear as the nature of the invention is better understood, reference is to be had to the drawings which accompany and which form part of this application.

In the drawings:—

Figure 1 is a side elevation showing the manner in which the tile carrying trucks are arranged on the body of the conveyor.

Figure 2 is a perspective view of the removable skid track.

Figure 3 is a similar view of the track showing the manner in which the rails constituting the same may be swung toward each other.

Figure 4 is a sectional view on line 4—4 of Figure 1.

Figure 5 is a sectional view on the line 5—5 of Figure 4.

As disclosed in Figure 1 of the drawings, I make use of a motor propelled truck 1, which I shall hereinafter refer to as the conveyor. The body of the conveyor is preferably open and on the under face of its bed there are spaced transversely arranged supports 2 on which the skid track and its support rest when not in use.

The bed of the conveyor 1 has its rear end provided with eyes or staples 3 to receive therein hooks 4 provided on one end of the skid track 5. The track 5 comprises transverse plates 6 that form ties for the rails. The inner rail 7 is in the nature of a channeled member while the outer rails 8 are in the nature of angle irons. All of the rails are pivotally secured to the ties 6, so that the said rails may be swung or folded together as disclosed by Figure 3 of the drawings.

The track 5, when in operative position, is braced by a support of a novel construction. The support includes a top plate 9 that carries hooks 10 to be received in eyes 11 which depend from the intermediate tie 6 of the track 5. The plate 9, at its center, and at or adjacent to its ends, is provided with depending sleeves 12, each of the said sleeves having elongated slots 13. In each of the sleeves there is received a hollow prop 14, the opposite faces of the said props, at the outer ends thereof, being beveled inwardly and widened. The widened portions 15 of the props have their ends toothed, as at 16. The hollow tubular props 14 are engaged by threaded studs 17 that are guided in the slots 13, and the props 14 are influenced outwardly through the sleeves 12 by helical springs 18. The outer ends of the springs engage with abutment plates 19 in said props, while the inner portions of the springs are guided around posts 20 which are secured in and depend from the head plate 9. By such arrangement it will be noted that the toothed ends of the props 14 are at all times forced into ground engagement, and as the heads of the adjustable studs 17 may contact with the opposite faces of the sleeves 12, the tension of the springs 18 may be regulated. However, as the length of the skid track 5 never varies the adjustment of the props with respect to the sleeves is not an absolute requirement.

The bed of the conveyor 1 has positioned thereon a track substantially similar to the skid track 5 and the track of the conveyor is designed to receive the wheels of small trucks 21 after the same have been wheeled thereon over the skid track 5. The trucks are preferably provided with braking means for holding the same on the conveyor.

What I claim is:—

A track designed to provide a skid for a conveyor and designed to be supported beneath the bed of the conveyor when not in use, and over which track a truck having central and side wheels is designed to travel

when arranged on or moved off of the conveyor, said track including spaced ties, rails pivotally secured to the ties, the central rail comprising a channel member, the side rails comprising angle members, a removable support for the track comprising a head having means for attaching the same to one of the ties, slotted sleeves depending from the head, hollow props received in the sleeves, guide means for the props passing through the slots of the sleeves, spring means influencing the props outwardly from the sleeves and each of said props having its faces at its outer end beveled inwardly, widened and toothed.

In testimony whereof I affix my signature.

HANS H. EIDE.